

Coal Mines in Illinois Pekin Quadrangle

Peoria and Tazewell Counties, Illinois

Springfield Coal

This map accompanies the Coal Mines Directory for the Pekin Quadrangle and map of mines in the Colchester Coal, Pekin Quadrangle. Consult the directory for a complete explanation of the information shown on this map.

Mining Method

- Room & Pillar (RP)
- Room & Pillar Basic (RPB)
- Modified Room & Pillar (MRP)
- Room & Pillar Panel (RPP)
- Blind Room & Pillar (BRP)
- Checkerboard Room & Pillar (CRP)
- High Extraction Retreat (HER)
- Longwall (LW)
- Underground, Method Unknown
- Strip Mine
- Auger Mine
- General Area of Mining

Source of Mine Outline

- Final Mine Map
- Not Final Mine Map
- Undated Mine Map
- Incomplete Mine Map
- Secondary Source Map

Tipple, Shaft, Slope, Drift Locations

- Strip Mine Tipple - Active
- Strip Mine Tipple - Abandoned
- Mine Shaft - Active
- Mine Shaft - Abandoned
- Mine Slope - Active
- Mine Slope - Abandoned
- Mine Drift - Active
- Mine Drift - Abandoned
- Air Shaft
- Uncertain Location
- Uncertain Type of Opening

Mine Annotation

- (space permitting)
- Company
- Mine Name
- ISGS Index No., Years of Operation

Disclaimer

Please check the Coal Section at the Illinois State Geological Survey's web site at <http://www.isgs.illinois.edu> for the most up-to-date version of these Products.

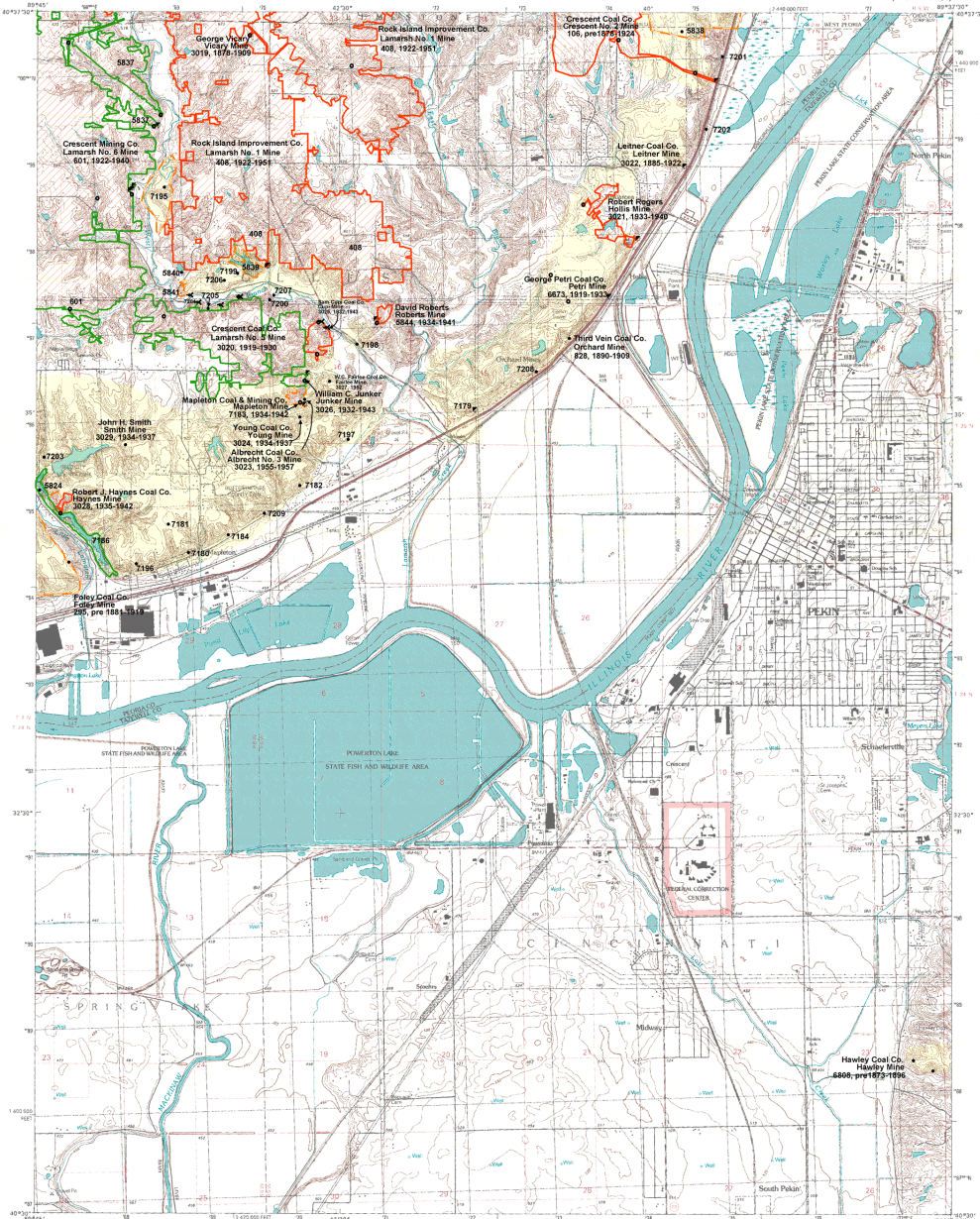
Note that each quadrangle scale mined out area map requires the use of the associated text directory for full explanation of map features and mine attributes. Also note that some quadrangles have multiple years of mining and therefore more than one map may be available for a particular quadrangle. Please take care to check for multiple maps as extensive mining may exist in the other seams.

The maps and digital files used for these studies were compiled from data obtained from a variety of public and private sources and have varying degrees of completeness and accuracy. They present reasonable interpretations of the geology of the area and are based on available data. Locations of some features may be offset by 500 feet or more due to errors in the original source maps, the compilation process, digitizing, or a combination of these factors. These data are not intended for use in site-specific screening or decision-making. Use of these documents does not eliminate the need for detailed studies to fully understand the geology of a specific site. The Illinois State Geological Survey, Institute of Natural Resource Sustainability, or the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

These maps were designed for use at 1:24,000. Enlarging the map may reduce accuracy, as the original scale of the source maps used to compile the outlines shown varies from 1:400 to 1:150,000, and some mine locations are known only from text descriptions. See the accompanying mine directory for the original scale of the source map used for a specific mine to check accuracy of a given portion of the map. Areas with no mines shown may still be undermined; see the unmined mines list at the back of each mine directory.

The image of the U.S.G.S. Pekin Quadrangle used as a base map was projected from the original UTM to Lambert Conformal Conic.

Location



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Champaign, IL 61820

Mine Outlines Compiled by
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December 15, 2008

DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES PEKIN QUADRANGLE PEORIA & TAZEWELL COUNTIES

Alan R. Myers & C. Chenoweth



Institute of Natural Resources Sustainability
ILLINOIS STATE GEOLOGICAL SURVEY
2008

**DIRECTORY OF COAL MINES IN ILLINOIS
7.5-MINUTE QUADRANGLE SERIES
PEKIN QUADRANGLE
PEORIA & TAZEWELL COUNTIES**

2008

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Cover photo Track-mounted duckbill loading machine at a Peabody Coal Company mine, ca. 1915.

DISCLAIMER: The accuracy and completeness of mine maps and directories vary with the availability of reliable information. Maps and other information used to compile this mine map and directory were obtained from a variety of sources and the accuracy of some of the original information cannot be verified. Consequently, the Illinois State Geological Survey (ISGS) cannot guarantee the mine maps are free of errors and disclaims any responsibility for damages that may result from actions or decisions based on them.

The ISGS updates the maps and directories periodically, and welcomes any new information or corrections. Please contact the Coal Section of the ISGS at the address shown on the title page of this directory, or telephone (217) 244-4610.

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INTRODUCTION

Coal has been mined in 76 counties of Illinois. More than 7,400 coal mines have operated since commercial mining began in Illinois about 1810; fewer than 30 are currently active. To detail the extent and location of coal mining in Illinois, the Illinois State Geological Survey (ISGS) has compiled maps and directories of known coal mines. The ISGS offers maps at a scale of 1:100,000 and accompanying directories for each county in which coal mining is known to have occurred. Maps at a scale of 1:24,000 and accompanying directories, such as this, are available for selected quadrangles. Contact the ISGS for a list of these quadrangles.

These larger scale maps show the approximate positions of mines in relation to surface features such as roads and water bodies, and indicate the mining method used and the accuracy of the mine boundaries. The maps are useful for locating mine boundaries relative to specific properties and for assessing the potential for subsidence in an area. Mine boundaries compiled from final mine surveys are generally shown within 200 feet of their true position. As a result of poor cartographic quality and inaccuracies in the original mine surveys, boundaries of some older mines may be mislocated on the map by 500 feet or more. Original mine maps should be consulted in situations that require precise delineation of mine boundaries or internal workings of mined areas.

This directory serves as a key to the accompanying mine map and provides basic information on the coal mines in the quadrangle. The directory is composed of two parts. Part I explains the symbols and patterns used on the accompanying map and the summary data presented for each mine. Part II numerically lists the mines in the quadrangle and summarizes the geology and production history of each mine. Total production for the mine, not the portion in the quadrangle, is given.

MINING IN THE PEKIN QUADRANGLE

The unlocated mines at the back of this report show that a great deal of mining took place in this area, mining for which no maps are to be found. Two large areas, one near Lamarsh Creek and one near Hollis, have been designated "general area of mining". It is believed some of the earliest mining in this quadrangle took place in these locations.

Most mines operated in the Springfield Coal, but at least one mine also went deeper and mined the Colchester Coal, the Orchard Mine of the Third Vein Coal Company (mine index 828).

PART I EXPLANATION OF MAP AND MINE SUMMARY SHEET

INTERPRETING THE MAP

The map accompanying this directory shows the location of coal mines known to be present in the quadrangle. The map, corresponding to a U.S. Geological Survey (USGS) 7.5-minute quadrangle, covers an area bounded by lines of latitude and longitude 7.5-minutes apart. In Illinois, a quadrangle is approximately 6.5 miles east to west and 8.5 miles north to south, an area of about 56 square miles. The USGS generally offers one map of mines per quadrangle. In some areas where extensive mining occurred in two or more overlapping seams, separate maps are compiled for mines in each seam to maintain readability of the map.

Mine Type and Mining Method

The mine type is indicated on the map by pattern color: green represents surface mines; red and yellow represent underground mines. The red patterns are used for areas of underground mining that are documented by a primary or secondary source map. A yellow pattern is used for cases where no map of the mine workings is available, but a general area of mining can be inferred from property maps or production figures. The patterns indicate the main mining methods used in underground mines. The methods are (1) room and pillar and (2) high extraction. The method used gives some indication of the amount and pattern of coal extraction within each mined area, and has some influence on the timing and type of subsidence that can occur over a mine.

The following discussion and illustrations of mining methods are based on Guither et al. (1984).

In room-and-pillar mines, coal is removed from haulage-ways (entries) and selected areas called rooms. Pillars of unmined coal are left between the rooms to support the roof. Depending on the size of rooms and pillars, the amount of coal removed from the production areas will range from 40% to 70%.

Room and Pillar - mining is divided into six categories:

- room-and-pillar basic (RPB, fig. 1A), an early method that did not follow a preset mining plan and therefore resulted in very irregular designs;
- modified room and pillar (MRP, fig. 1B);
- room-and-pillar panel (RPP, fig. 1C);
- blind room and pillar (BRP, fig. 1D);
- checkerboard room and pillar (CRP, fig. 1E);
- room and pillar (RP), a classification used when the specific type of room-and-pillar mining is unknown.

Blind and checkerboard are the most common types of room-and-pillar mining used in Illinois today. The knowledge of room-and-pillar mining methods gives a trained engineer information on the nature of subsidence that may occur. A more extensive discussion of subsidence can be found in Bauer et al. (1993).

High-extraction These mining methods are subdivided into high-extraction retreat (HER, Fig 1F) and longwall (LW, Fig 1G, 1H). In these methods, much of the coal is removed within well defined areas of the mine. Subsidence of the surface above these areas occurs within weeks. Once the subsidence activity ceases, the potential for further movement over these areas is low; however, subsidence may continue for several years after mining.

High-extraction retreat mining is a form of room-and-pillar mining that extracts most of the coal. Rooms and pillars are developed in the panels, and the pillars are then systematically removed (fig. 1F).

In early (pre-1960) longwall mines, mining advanced in multiple directions from a central shaft (fig. 1G). Large pillars of coal were left around the shaft, but all coal was removed beyond these pillars. Miners placed rock and wooden props and cribs in the mined-out areas to support the mine roof. The overlying rock gradually settled onto these supports, thus producing subsidence at the surface. In post-1959 longwall mines, room-and-pillar methods have been used to develop the main entries of the mine and panel areas. Modern longwall methods extract 100 percent of the coal in the panel areas (fig. 1H).

SOURCE MAPS

Mine outlines depicted on the map are, whenever possible, based on maps made from original mine surveys. The process of compiling and digitizing the quadrangle map may produce errors of less than 200 feet in the location of mine boundaries. Larger errors of 500 feet or more are possible for mines that have incomplete or inaccurate source maps.

Because of the extreme complexity of some mine maps, detailed features of mined areas have been omitted. The digitized mine boundary includes the exterior boundary of all rooms or entries that were at least 80 feet wide or protruded 500 feet from the main mining area. Unmined areas between mines are shown if they are at least 80 feet wide; unmined blocks of coal within mines are shown if they are at least 400 feet on each side. Original source maps should be consulted when precise information on mine boundaries or interior features is needed.

The mine summary sheet lists the source maps used to determine each mine outline. The completeness of map sources is indicated on the map by a line symbol at the mine boundary. Source maps are organized in five categories.

Final mine map The mine outline was digitized from an original map made from mine surveys conducted within a few months after production ceased. The date of the map and the last reported production are listed on the summary sheet.

Not a final map The mine is currently active or the mine outline was made from a map based on mine surveys conducted more than a few months before production ceased. This implies the actual mined-out area is probably larger than the outline on the map. The mine summary sheet indicated the dates of source maps and the last reported production, as well as the approximate tonnage mined between these two dates (if the mine is abandoned). The summary sheet also lists the approximate acreage mined since the date of the map and, in some cases, indicates the area where additional mining may have taken place. This latter information is determined by locating on the map the active faces relative to probable boundaries of the mine property.

Undated map The source map was undated, so it may or may not be based on a final mine survey. When sufficient data are available, the probable acreage of the mined area is estimated from reported production, average seam thickness and a recovery rate comparable to other mines in the area. This information is listed in the summary sheet for the mine.

Incomplete map The source map did not show the entire mine. The summary sheet indicates the missing part of the mine map and the acreage of the unmapped area, which is estimated from the amount of coal known to have been produced from the mine.

Secondary source map The original mine map was not found so the outline shown was determined from secondary sources (e.g., outlines from small-scale regional maps published in other reports). The summary sheet describes the secondary sources.

POINTS AND LABELS

The locations of all known mine openings (shafts, slopes, and drifts) and surface mine tipples are plotted on the map. Tipples are areas where coal was cleaned, stockpiled, and loaded for shipping.

Only openings or tipples are plotted for mines without source maps. If the precise locations of these features are unknown, a special symbol is used to indicate the approximate location of the mine.

Each mine on the map is labeled with the names of the mine and operating company, ISGS mine index number, and years of operation (if known) if space permits. A seam designation is given on maps where more than one seam was mined. For a mine that operated under more than one name, only the most recent name is generally given. When a mine changed names or ownership shortly before closing, an earlier name is listed. All company and mine names are listed on the mine summary sheet in the directory, under the production history segment.

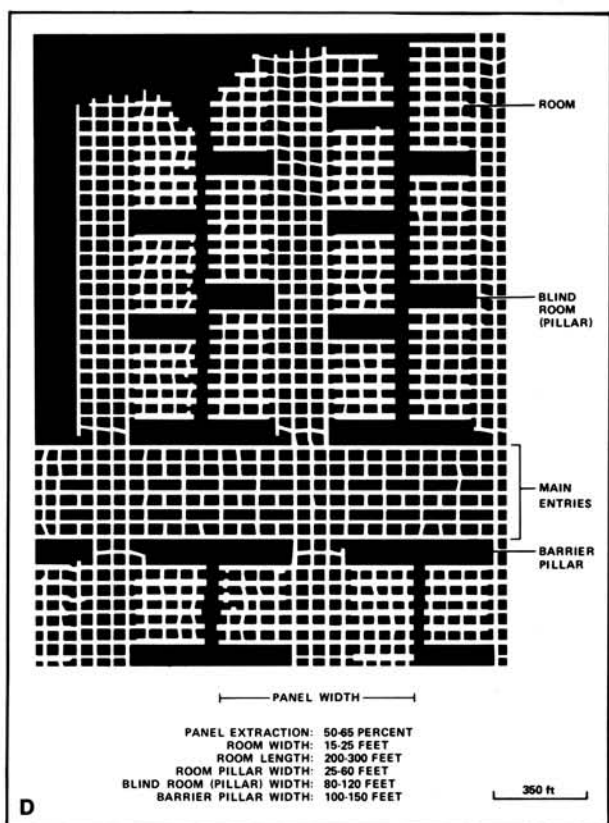
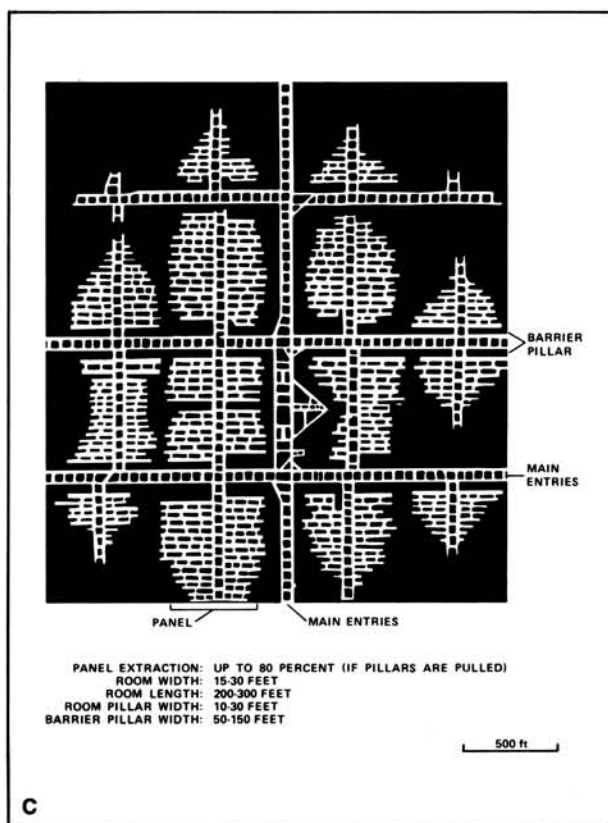
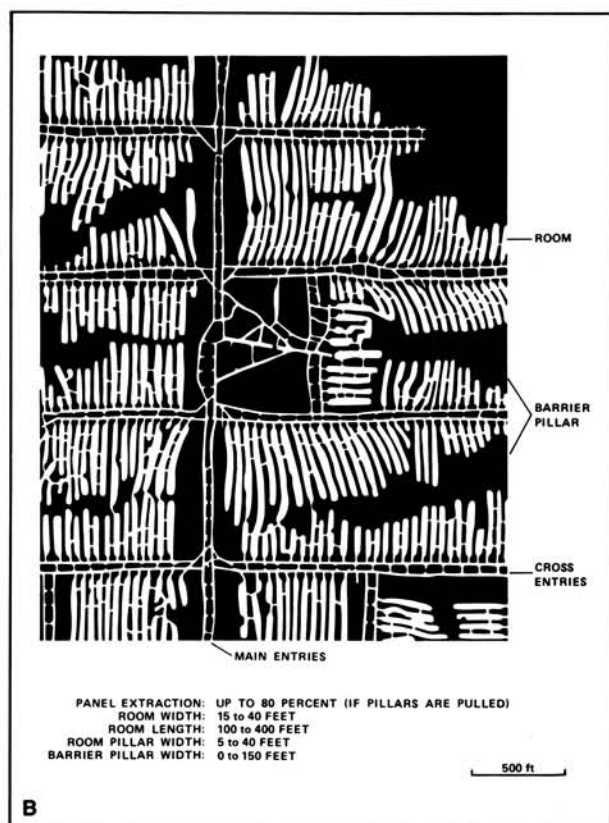
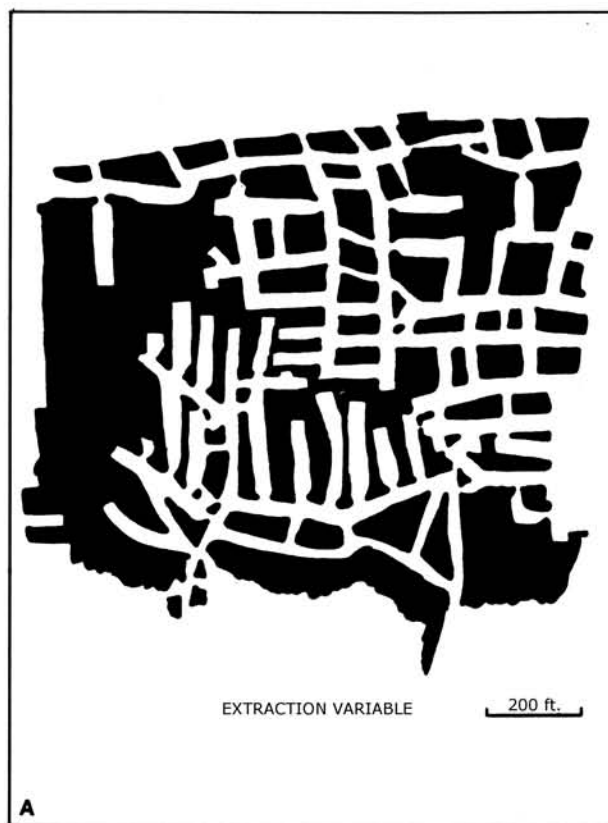


Figure 1 Mining methods: (A) room-and-pillar basic (RPB), (B) modified room and pillar (MRP), (C) room-and-pillar panel (RPP), (D) blind room and pillar (BRP).

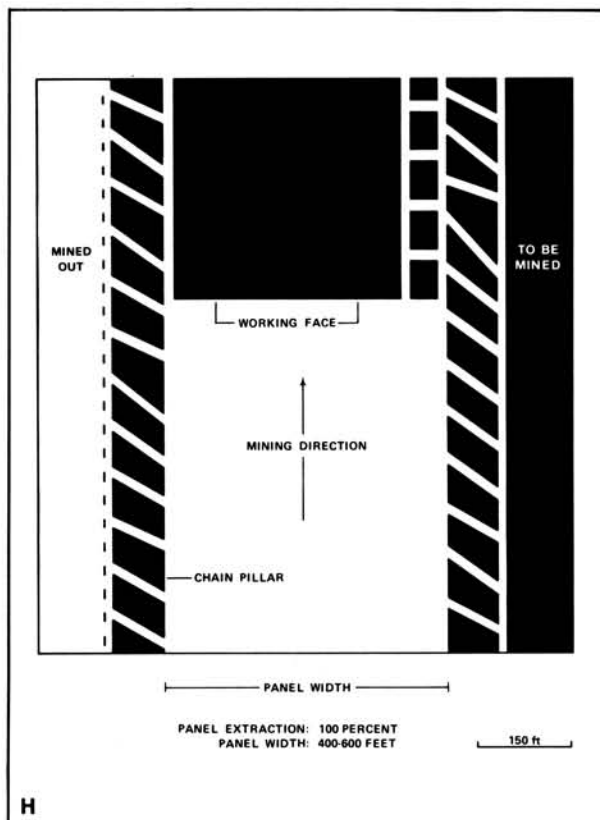
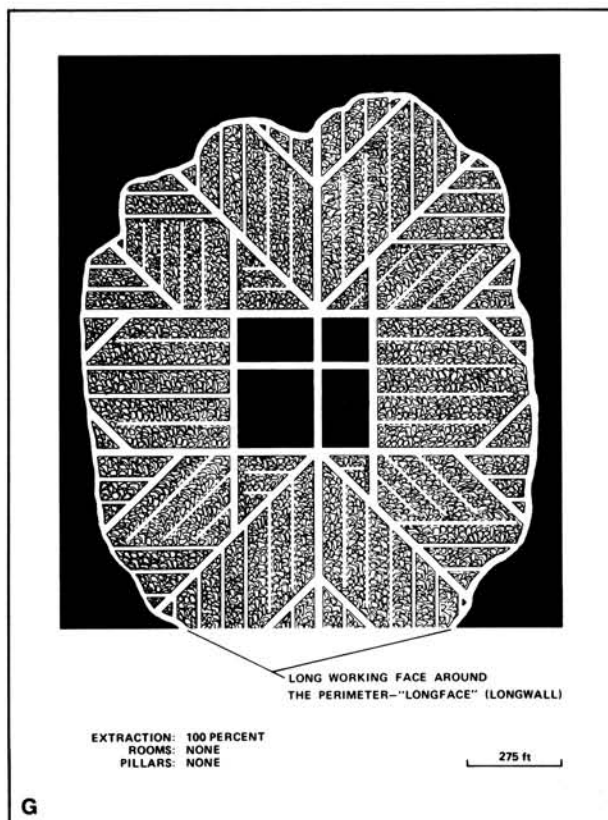
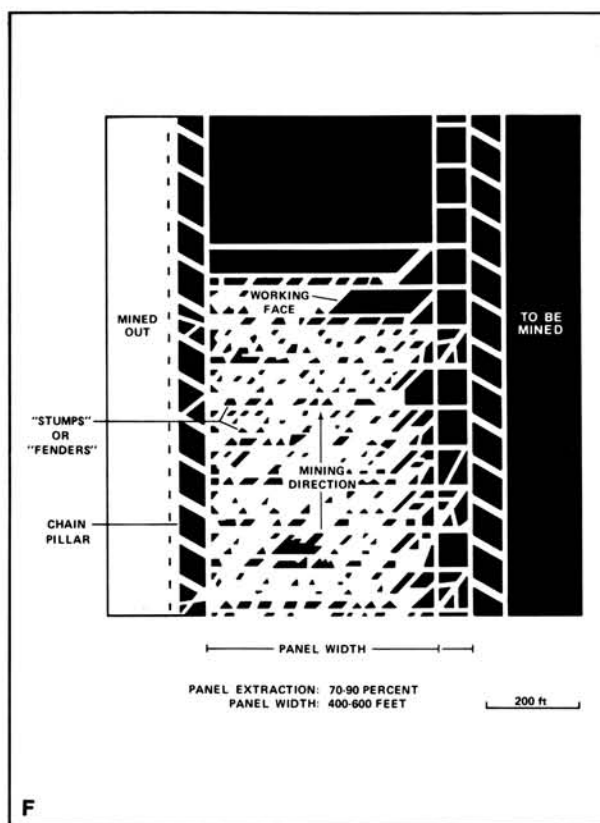
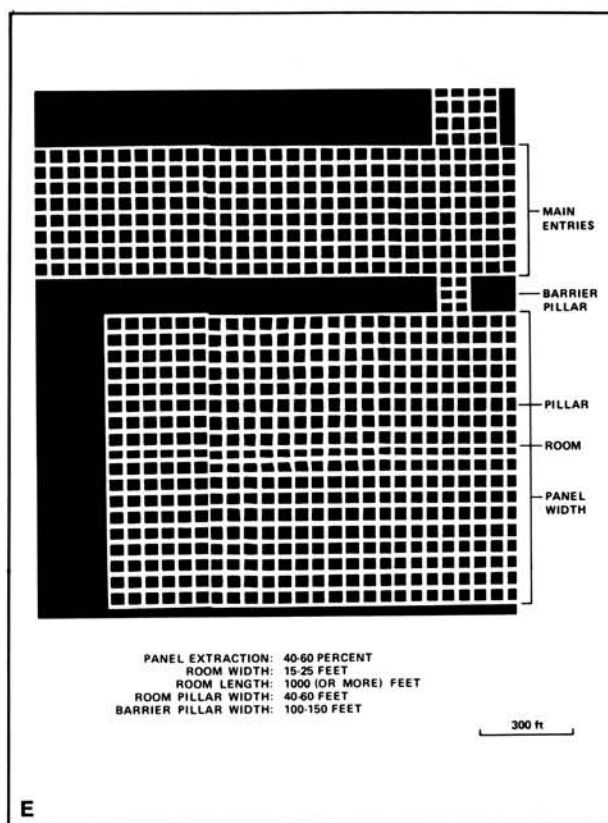


Figure 1 (cont.) Mining methods: (E) checkerboard room and pillar (CRP), (F) high extraction retreat (HER), (G) early (pre-1960) longwall, (H) post-1959 longwall

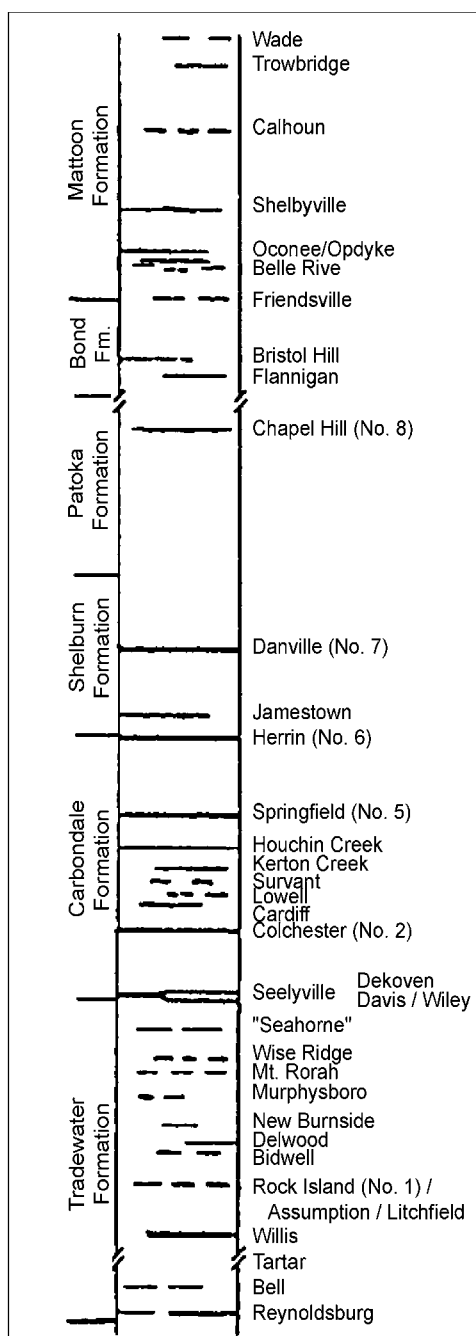


Figure 2 Generalized stratigraphic section, showing approximate vertical relations of coals in Illinois.

INTERPRETING A MINE SUMMARY SHEET

The mine summary sheet is arranged numerically by mine index number. Index numbers are shown on the map and in the mine listing. The mine summary sheet provides the following information (if available).

Company and mine name The last company or owner of the mine is used, unless no production was recorded for the last owner. In that case, the penultimate owner is listed. Mines often have no specific name; in these cases, the company name is also used as the mine name.

Type *Underground* denotes a subsurface mine in which the coal was reached through a shaft, slope, or a drift entry. *Surface* denotes a surface, open pit or strip mine.

Total mined-out acreage shown The total acreage of the mined area mapped, including any acreage mined on adjacent quadrangles, is calculated from the digitized outline of the mine. The acreage of large barrier pillars depicted on the map is excluded from the mined-out acreage. Small pillars not digitized are included in the acreage calculation. If the mine outline is not based on a final mine map, the acreage is followed by an estimate of additional acres that may have been mined. The estimate is determined from reported mine production, approximate thickness of the coal, and recovery rates calculated from nearby mines that used similar mining methods.

SHAFT, SLOPE, DRIFT OR TIPPLE LOCATIONS

Shaft, slope, drift, or tippie locations Locations of all known former entry points to underground mines or the location of coal cleaning, tippie, and shipping equipment used by the mine's facility are listed. The location is described in terms of county, township and range (Twp-Rge), section, and location within the section by quarters. NE SW NW, for instance, would describe the location in the northeast quarter of the southwest quarter of the northwest quarter. When sections are irregular in size, the quarters remain the same size and are oriented (or "registered") from the southeast corner of the section. Approximate footage from the section lines (FEL = from east line, FNL = from north line, for example) is given when that information is known; this indicates a surveyed location and is not derived from maps. Entry points are also plotted on the map and coded for the type of entry or tippie. A mine opening may have had many purposes during the life of the mine. Old hoist shafts are often later used for air and escape shafts; this information is included in the directory when known. The tippie for underground mines was generally located near the main shaft or slope. At surface mines, coal was sometimes hauled to a central tippie several miles from the mine pit.

GEOLOGY

Seam(s) mined The name of the coal seam(s) mined is listed, if known. If multiple seams were mined, they are all listed, although the mined-out area for each seam may be shown on separate maps. Figure 2 shows the stratigraphic section of the coal-bearing interval in Illinois, and the vertical relations among the coals.

Depth The depth to the top of the seam in the vicinity of the shaft is listed, if known. The depth is determined from notes made by geologists who visited the mine during its operation or from drill hole data in ISGS files. Depth generally varies little over the extent of a mine; however, reported depths for an individual mine may vary. Depth for surface-mined coals varies, and is usually represented as a range.

Thickness The approximate thickness of the mined seam is shown, if known. Thickness also comes from notes of geologists who visited the mine during its operation or from borehole data in ISGS files. Minimum, maximum, and average thicknesses are given when this information is available.

Mining method The principal mining method used at the mine (figs. 1A-H) is listed. See the mining methods section at the beginning of this directory for a discussion of this parameter.

Geologic problems reported Any known geologic problems, such as faults, water seepage, floor heaving, and unstable roof, encountered in the mine are reported. This information is from notes made by ISGS geologists who visited the mine, or from reports by mine inspectors published by the Illinois Department of Mines and Minerals, or from the source map(s). Geologic problems are not reported for active mines.

PRODUCTION HISTORY

Production history Tons of coal produced from the mine by each mine owner are totaled. When the source map used for the mine outline is not a final mine map, the tonnage produced since the date of the map is identified. For mines that extend into adjacent quadrangles, the tonnage reported includes areas mined in adjacent quadrangles.

SOURCE OF DATA

Source map This section lists information about the map(s) used to compile the mine outline and the locations of tipples and mine openings. In some cases more than one source map was used. For example, a map drawn before the mine closed may provide better information on original areas of the mine than a later map. When more than one map was used, the bibliography section explains what information was taken from each source.

Date The date of the most recent mine survey listed on the source map is reported.

Original scale The original scale of the source map is listed. Many maps are photo-reductions and are no longer at their original scale. The original scale gives some indication of the level of detail of the mine outline and the accuracy of the mine boundary relative to surface features. Generally, the larger the scale, the greater the accuracy and detail of the mine map. Mine outlines taken from source maps at scales smaller than 1:24,000 may be highly generalized and may well be inaccurately located with respect to surface features.

Digitized scale The scale of the digitized map is reported. The scale may be different from that of the original source map. In many cases the digitized map was made from a photo-reduction of the original source map, or the source map was not in a condition suitable for digitizing and the mine boundaries were transferred to another base map.

Map type Source maps are classified into five categories to indicate the probable completeness of the map. See discussion of source maps in the previous section.

Annotated bibliography Sources that provide information about the mine are listed, with the data taken from each source. Some commonly used sources are described below. Full bibliographic references are given for all other sources. Unless otherwise noted, all sources are available for public inspection at the ISGS.

Coal Reports Published since 1881, these reports contain tabular data on mine ownership, production, employment, and accidents. Some volumes include short descriptions made by mine inspectors of physical features and conditions in selected mines.

Directory of Illinois Coal Mines This source is a compilation of basic data about Illinois coal mines, originally gathered by ISGS staff in the early 1950s. Sources used for this directory are undocumented, but they are primarily Illinois Department of Mines and Minerals annual reports, ISGS mine notes, and coal company officials.

ENR Document 85/01, Guither, H. D., J. K. Hines, and R. A. Bauer, 1985 The Economic Effect of Underground Mining Upon Land Used for Illinois Agriculture: Illinois Department of Energy and Natural Resources Document 85/01, 185 p.

Microfilm map The U.S. Bureau of Mines maintains a microfilm archive of mine maps. A microfilm file for Illinois is available for public viewing at the ISGS.

Mine notes ISGS geologists have visited mines or contacted mine officials throughout the state since the early 1900s. Notes made during these visits range from brief descriptions of the mine location to long narratives (including sketches) of mining conditions and geology.

Federal Land Bank of St. Louis, Preliminary Reports on Subsidence Investigations Mining engineers working for the Federal Land Bank of St. Louis mapped areas of subsidence due to coal mining in the early 1930s. These reports often include county maps of mine properties with mined-out areas including shaft locations, as well as subsidence areas.

REFERENCES

Andreas, A. T., 1873, Atlas Map of Peoria County, Illinois: Chicago, Illinois, 196p.

Andreas, A. T., 1873, Atlas Map of Tazewell County, Illinois: Davenport, Iowa, Andreas, Lyter & Co., 165p.

Bauer, R. A., B. A. Trent, and P. B. Dumontelle, 1993, Mine Subsidence in Illinois: Facts for the Homeowner Considering Insurance, Illinois State Geological Survey, Environmental Geology Note 144, 16p.

Guither, H. D., J. K. Hines, and R. A. Bauer, 1985, The Economic Effects of Underground Mining Upon Land Used for Illinois Agriculture, Illinois Department of Energy and Natural Resources Document 85/01, 185p.

Huebinger, Melchior, 1896, Standard Atlas of Peoria City and County, Illinois: Chicago, Illinois, George A. Ogle & Co., 147p.

PART II DIRECTORY OF MINES IN THE PEKIN QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Pekin Quadrangle is provided. These summary sheets are arranged numerically by mine index number. Consult Part I for a complete explanation of the data listed in the summary sheet.

Mine Index 106

Crescent Coal Company, Crescent No. 2 Mine

Type: Underground Total mined-out acreage shown: 246 Production indicates approximately 150 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	Peoria	7N 7E	1	NE SW NW
Air shaft	Peoria	7N 7E	1	NW SW NW
Air shaft	Peoria	7N 7E	2	NW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	144-152	4.0	14.0	4.5	MRP

Geologic Problems Reported: A sandstone cut the coal out in some places, and was directly on the coal or up to 3 feet above the coal in other areas. A thin (2 to 3 inches) limestone was sometimes present. Generally the immediate roof was a black shale that was up to 16 inches thick. Horsebacks were found in the mine. A layer of pyrite was often present about 2 feet from the top of the seam, but generally pyrite occurred as lenses and streaks. The floor clay heaved in wet places. Rolls in the floor also made the coal thinner.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Adam Sholl	Sholl	pre1878-1881 *	10,000
Henry Sholl	Sholl	1881-1882	25,000
Sholl Brothers & Company	Sholl	1882-1884	64,000
Adam Sholl	Sholl	1884-1892 **	335,424
Sholl Brothers	Sholl No. 1	1892-1899	230,150
Brewster & Evans Coal Company	Walben	1911-1916 ***	768,585
M. E. Case Coal Company	Brewster & Evans	1916-1917	110,627
M. E. Case Coal Company	Brewster & Evans	1917-1922	746,327 †
Crescent Coal Company	Crescent No. 2	1922-1924	63,279 †
			2,353,392

* Production and years of operation before 1878 are not known. The 1879 Coal Report indicates 40 acres were mined.

** A new shaft was opened one-quarter mile north of the previous slope. Machinery was brought from the Adam Sholl Mine in Tazewell County (mine index 3632).

*** The Sholl Mine was re-opened by Brewster & Evans and the equipment was updated.

† Production after map date

Last reported production: April 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.P41 i5.1-37	1-11-1917	1:7200	1:7200	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, mining method.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Drift & shaft locations, seam, thickness, geologic problems.

Company map, ISGS map library, 4103.P41 i5.1-37 - Drift & shaft locations, mine outline.

Microfilm map, document 352165, reel 03138, frame 196 - Mining method.

Mine Index 295
Foley Coal Company, Foley Mine

Type: Underground Total mined-out acreage shown: None, part of a general area of mining.
 Production indicates approximately 160 acres were mined. No attempt has been made to differentiate the area mined by Foley from the general area of mining, because this area was developed long before the 1882 Coal Report began listing production.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	19	SW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	22	4.33	4.8	4.5	RP

Geologic Problems Reported: The cap rock was rather shaley and soft in places, but generally made a good roof. About 12 inches of black shale was above 12 inches of clod, which made up the immediate roof over the entire mine. The black shale contained a few coal balls. A very few horsebacks were seen at this mine, as well as a few clay slips. The coal was uniform, and little pyrite was present. The mine was reported to be dry.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John J. McNeil	McNeil	pre1881-1885 *	34,600
John O'Shaughnessy	O'Shaughnessy	1885-1891	51,589
William E. Foley	Foley	1891-1908	266,773
Mapleton Coal Company	Foley	1908-1918	266,922
Foley Coal Company	Foley	1918-1919	32,366
			652,250

* Production and ownership before 1881 are unknown. The 1882 Coal Report indicates 5 acres were mined.

Last reported production: 1919

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Federal Land Bank of St. Louis Report	circa 1934	1:142560	1:142560	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, mining method.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Peoria County) - Mine type, slope location, depth, thickness, geologic problems.
 Federal Land Bank of St. Louis Report - Slope location, general area of mining.

Mine Index 408**Rock Island Improvement Company, Lamarsh No. 1 Mine**

Type: Underground Total mined-out acreage shown: 2,918 The area shown on the accompanying map represents the acreage undermined by Lamarsh No. 1 Mine and the Vicary Mine (mine index 3019). The mine boundaries could not be distinguished. Both mines appear to have used the same slopes and air shafts.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Peoria	7N 7E	8	SE NE SE
Slope	Peoria	7N 7E	8	SE NE SE
Air shaft	Peoria	7N 7E	4	NW SW NE
Air shaft	Peoria	7N 7E	5	NW NE NE
Air shaft	Peoria	8N 7E	33	SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	100-130	4.0	4.75	4.25	RPP

Geologic Problems Reported: The sandstone cap rock was present over the entire mine, and made a good roof. Water seeped from the sandstone and made the mine very wet. The immediate roof over the coal was 2 to 2.5 feet of black shale that usually came down. Clay horsebacks were common, but seldom over 4 inches wide. Pyrite was present as fracture facings and, less commonly, as lenses and nodules. The 10 feet of underclay heaved when the mine was wet and the entries too wide.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Crescent Mining Company	Lamarsh No. 1	1922-1943	7,589,090
Rock Island Improvement Company	Lamarsh No. 1	1943-1951	<u>2,542,190</u>
			10,131,280

Last reported production: June 1951

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352193	6-27-1951	1:2400	1:5131	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, seam, thickness, geologic problems.

Microfilm map, document 352193, reel 03138, frames 231-251 - Slope & shaft locations, mine outline, mining method.

Mine Index 601**Crescent Mining Company, Lamarsh No. 6 Mine**

Type: Underground Total mined-out acreage shown: 1,771 The area shown on the accompanying map represents the area undermined by Lamarsh No. 6 Mine and Lamarsh No. 2 Mine (mine index 5837).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	8	SW NW NW
Slope	Peoria	7N 7E	8	SW NW NW
Slope	Peoria	7N 7E	7	SE NE NE
Air shaft	Peoria	7N 7E	7	SW NW NW
Air shaft	Peoria	7N 7E	18	NW NW NE
Air shaft	Peoria	7N 8E	12	NW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	58			4.16-4.33	RPP

Geologic Problems Reported: The immediate roof was 2 to 3 feet of black shale with sandstone above.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Newsam Brothers Coal Company	Newsam No. 6	1922-1923	84,701
Crescent Mining Company	Lamarsh No. 6	1923-1940	<u>7,287,878</u>
			7,372,579

Last reported production: February 1940

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352193	6-27-1951	1:2400	1:5131	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (Peoria County) - Slope location, seam, depth, thickness, geologic problems.

Microfilm map, document 352193, reel 03138, frames 231-251 - Slope & shaft locations, mine outline, mining method.

Mine Index 828**Third Vein Coal Company, Orchard Mine**

Type: Underground Total mined-out acreage shown: 162 The longwall area shown on the accompanying map is larger than expected for the reported production. Longwall production in the Colchester Coal was 109,401 tons (expected acreage is about 27 acres), and the room and pillar mining in the Springfield Coal was 34,087 tons (expected acreage is about 8 acres). The longwall mine is certainly encompassed in the area shown on the accompanying map, although it is likely the entire area shown for the Colchester Coal is not all undermined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (Colchester)	Peoria	7N 7E	14	center NW
Shaft (Springfield)	Peoria	7N 7E	14	SE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield				4.5	RP
Colchester	100-165	2.67	3.5	2.33-2.67	LW

Geologic Problems Reported: A small amount of gas was emitted from the roof of the Colchester Coal. The roof was 8 to 12 feet of gray shale, with 10 feet of black shale over that. Coal balls were occasionally encountered, up to 12 by 6 by 18 inches in size. Pyrite nodules were rare, although one measuring 1 by 6 inches was reported.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Frank Lowery	Lowery (Springfield Coal)	1890-1897	30,749
Lowery Estate	Lowery (Springfield Coal)	1897-1898	2,223
A. Beharelle & Company	Lowery (Springfield Coal)	1898-1899	615
Frank Lowery	Lowery (Colchester Coal)	1896-1897	967
Lowery Estate	Lowery (Colchester Coal)	1897-1898	1,650
A. Beharelle	Lowery (Colchester Coal)	1898-1900	7,240
Third Vein Coal Company	Orchard; Third Vein No. 2	1900-1909	100,044
			143,488

Last reported production: 1909

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Standard Atlas of Peoria County	1896	1:31680	1:31680	Secondary source
Federal Land Bank of St. Louis	8-18-1933	1:142560	1:142560	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (Peoria County) - Mine type, shaft location, seam, thickness, geologic problems.

Standard Atlas of Peoria County, Illinois, 1896 - Shaft location (Colchester Coal).

Federal Land Bank of St. Louis Report - Mine outline (Springfield Coal).

Mine Index 3019
George Vicary, Vicary Mine

Type: Underground Total mined-out acreage shown: 2,918 The area shown on the accompanying map represents the acreage undermined by Vicary Mine and Lamarsh No. 1 Mine (mine index 408). The mine boundaries could not be distinguished.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Peoria	7N 7E	8	SE NE SE *
Slope	Peoria	7N 7E	8	SE NE SE *
Air shaft	Peoria	7N 7E	4	NW SW NE *
Air shaft	Peoria	7N 7E	5	NW NE NE *
Air shaft	Peoria	8N 7E	33	SE *

* These are the same slopes and air shafts listed (and used by) Lamarsh No. 1 Mine (mine index 408).

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	60-130			4.0-5.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Henry Vicary	Vicary	1878-1889	58,432
Vicary Brothers	Vicary	1889-1907	420,595
George Vicary	Vicary	1907-1909	<u>77,874</u>
			556,901

Last reported production: 1909

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352193	6-27-1951	1:2400	1:5131	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Microfilm map, document 352193, reel 03138, frames 231-251 - Slope & shaft locations, mine outline, mining method.

Mine Index 3020
Crescent Coal Company, Lamarsh No. 5 Mine

Type: Underground Total mined-out acreage shown: 260

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	Peoria	7N 7E	17	NE NW NE
Air shaft	Peoria	7N 7E	17	NE NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	130			4.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Newsam Brothers Coal Company	Newsam No. 5	1919-1923	419,994
Crescent Coal Company	Lamarsh No. 5	1923-1930	<u>574,071</u> 994,065

Last reported production: January 1930

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352193	6-27-1951	1:2400	1:5131	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, mining method.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Drift location, thickness.

Microfilm map, document 352193, reel 03138, frames 231-251 - Drift & shaft locations, mine outline, mining method.

Mine Index 3021
Robert Rogers, Hollis Mine

Type: Underground Total mined-out acreage shown: 27 The area shown on the accompanying map is larger than expected for the reported production. Production indicates approximately 8 acres were mined. Previous mining is likely, see the unlocated mines at the back of this report.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	11	NE NW SE
Air shaft	Peoria	7N 7E	11	NW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield				3.0	MRP

Geologic Problems Reported: The source map shows some type of fault (perhaps a channel) that separates the eastern and western parts of the mine. A parting was present in the seam near the slope.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Hollis Coal Company	Hollis	1933-1939 *	22,470
Robert Rogers	Hollis	1940-1940	39
			22,509

* Idle 1938 & 1939

Last reported production: 1940

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352159	8-1936	1:2400	1:2151	Not final
Company, 4103.P41 i5.1-26	8-1-1935	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (Peoria County) - Seam, thickness.
 Microfilm map, document 352159, reel 03138, frame 189 - Slope & shaft locations, mine outline, mining method.
 Company, ISGS map library, 4103.P41 i5.1-26 - Old works (southern part of mine).

Mine Index 3022
Leitner Coal Company, Leitner Mine

Type: Underground Total mined-out acreage shown: 213 The area shown on the accompanying map is larger than expected for the reported production. Production indicates approximately 140 acres were mined. The outline may include other mines (see the unlocated mines at the back of this report), or the outline may represent the property available to mine and not the true extent of the mine. The outline is shaded as a general area of mining because of the questionable extent.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	2	SE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	17-115	4.0	6.0	4.5	RP

Geologic Problems Reported: The western side of the mine encountered the mud fault of channel fill. The channel trended NE-SW in SW cor SE 2-T7N-R7E and was 200 to 250 feet wide. The cap rock was an erosional sandstone that was generally 6 to 8 feet above the coal. Below the sandstone was 18 inches of black shale that adhered to the coal. The mine had many horsebacks that came down from the roof or up from the floor. Sometimes the black shale roof was penetrated by horsebacks, but with finer cracks and never as extensively as the coal. The coal contained lenses of pyrite and sheets of clay. The pyrite caused considerable coal to be discarded because it did not separate easily.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
German Co-operative Coal Company	German	1885-1917 *	406,619
Leitner Coal Company	Leitner	1917-1922	160,324 **
			566,943

* Idle 1908 & 1909

** The 1920 production of 27,597 tons was listed twice, in the shipping mines category and the local mines category. The production may be over-reported.

Last reported production: 1922

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.P41 i5.1-35	10-29-1917	1:15840	1:15840	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, mining method.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Peoria County) - Slope location, depth, thickness, geologic problems.
 ISGS map library, 4103.P41 i5.1-35, a compilation of mine locations, author unknown - Slope location, mine outline.

Mine Index 3023**Albrecht Coal Company, Albrecht No. 3 Mine**

Type: Surface Total mined-out acreage shown: None; production indicates less than 1 acre was mined. Most of the area shown on the accompanying map was a gravel pit.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	7N 7E	16	SE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	15			4.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Albrecht Coal Company	Albrecht No. 3	1955-1957	<u>4,942</u> 4,942

Last reported production: March 1957

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
USGS topographic map, Pekin	PR 1979	1:24000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine location, seam, depth, thickness.

USGS 7.5-minute topographic map, Pekin Quadrangle, 1960, photorevised 1967 & 1979 - Mine location.

Mine Index 3024
Young Coal Company, Young Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	16	NE SW SW
Air shaft	Peoria	7N 7E	16	NE SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	10-80			4.67	RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Don B. Young	Young	1934-1934	317
Young Coal Company	Young	1935-1937	<u>1,696</u> 2,013

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized. A microfilm map does exist, but there is no information on the map to georegister the map to land surface features.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.
 Microfilm map, document 352189, reel 03138, frame 227 - Mine type, mining method.

Mine Index 3025
Sam Cupi Coal Company, Cupi Mine

Type: Underground Total mined-out acreage shown: 20 The mine is larger than expected for the reported production. Production indicates approximately 7 acres were mined, with 6 acres mined after the map date. The old works shown on a 1934 company map indicate much more production than the figures reported below (see the unlocated mines at the back of this report).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	16	SW NE NW
Slope	Peoria	7N 7E	16	SE NW NW
Air shaft	Peoria	7N 7E	16	SW NE NW
Air shaft	Peoria	7N 7E	16	NW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	80			4.67	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
L. Beetler	Beetler	1932-1932	1,300
Leonard Butler	Butler	1933-1933	2,300
Beetler & Cupi	Beetler & Cupi	1934-1935	5,995
Sam Cupi Coal Company	Cupi	1936-1942	19,400
Sam Cupi Coal Company	Cupi	1942-1947	24,930 *
			53,925

* Production after map date

Last reported production: 1947

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352162	8-26-1942	1:1200	1:1241	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.
 Microfilm map, document 352162, reel 03138, frames 192 - Slope & shaft locations, mine outline, mining method.

Mine Index 3026
William C. Junker, Junker Mine

Type: Underground Total mined-out acreage shown: 8

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	16	SW SE NW
Air shaft	Peoria	7N 7E	16	NE NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	65			4.5	RPB

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William C. Junker	Junker	1932-1933	8,302
A. & P. Coal Company	A. & P.	1934-1937	9,505
William C. Junker	Junker	1938-1943	<u>3,056</u>
			20,863

Last reported production: May 5, 1943

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352160	5-24-1943	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Peoria County) - Mine type, seam, depth, thickness.
 Microfilm map, document 352160, reel 03138, frame 190 - Slope & shaft locations, mine outline, mining method.

Mine Index 3027**W. C. Fairlee Coal Company, Fairlee Mine**

Type: Surface Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	7N 7E	16	NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield					Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
W. C. Fairlee Coal Company	Fairlee	1952-1952	<u>3,635</u> 3,635

Last reported production: 1952

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine location, seam.

Mine Index 3028**Robert J. Haynes Coal Company, Haynes Mine**

Type: Underground Total mined-out acreage shown: 4 Production indicates approximately 1 acre was mined after the map date. The western side of the mine was later surface mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	19	NE NE SW *
Air shaft	Peoria	7N 7E	19	NE NE SW
Air shaft	Peoria	7N 7E	19	SE SE NW *

* Not shown on accompanying map because of later surface mining by Mapleton Mine (mine index 7186).

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)		Mining Method
		Min	Max	
Springfield	17		4.67	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Smith & Monks	Smith & Monks	1931-1933	1,583 **
F. Monks & D. Barclay	Monks & Barclay	1934-1934	1,083
Reed City Co-operative Coal Company	Reed City	1935-1939	24,454
Reed City Co-operative Coal Company	Reed City	1939-1939	2,166 ***
Robert J. Haynes Coal Company	Haynes	1940-1942	<u>2,780</u> ***
			32,066

** Idle, or produced less than 1,000 tons per year in 1932 & 1933

*** Production after map date

Last reported production: 1942

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352167	7-7-1939	1:1200	1:1241	Not final †

† Old works were shown on the source map on the northwestern and southeastern sides of the mine. These may have been other operators (see the unlocated mines at the back of this report).

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Slope location, seam, depth, thickness.

Microfilm map, document 352167, reel 03138, frame 198 - Slope & shaft locations, mine outline, mining method.

Mine Index 3029
John H. Smith, Smith Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	Peoria	7N 7E	19	NE NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John H. Smith	Smith	1934-1937	<u>1,070</u> 1,070

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine location.

Mine Index 5824**T. & S. Coal Company, T. & S. Mine**

Type: Surface Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	7N 7E	19	NW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	15			4.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
T. & S. Coal Company	T. & S.	1957-1957	331
			331

Last reported production: March 1957

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, mine location, seam, depth, thickness.

Mine Index 5837**Crescent Mining Company, Lamarsh No. 2 Mine**

Type: Underground Total mined-out acreage shown: None; all production and acreage is included with Lamarsh No. 6 Mine (mine index 601).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Peoria	7N 7E	5	SE NW SW
Air shaft	Peoria	7N 7E	5	SE NW SW
Air shaft	Peoria	7N 7E	5	SE NW SW
Air shaft	Peoria	7N 7E	6	SW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield					RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Crescent Mining Company	Lamarsh No. 2	circa 1923-1940	Not reported *

* The production was reported in the tonnage for Lamarsh No. 6 Mine (mine index 601).

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352193	6-27-1951	1:2400	1:5131	Final

Annotated Bibliography (data source, brief description of information)

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
Microfilm map, document 352193, reel 03138, frames 231-251 - Slope & shaft locations, mine outline, mining method.

Mine Index 5841
Ball Coal Company, Ball Mine

Type: Underground Total mined-out acreage shown: 2

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	8	SE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield					

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Ball, Ricketts & Ball	Ball, Ricketts & Ball	1920-1922	1,187 *
Ball Coal Company	Ball	1922-1923	3,265
			4,452

* Production was not reported in 1922 for mines producing less than 10,000 tons.

Last reported production: 1923

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352193	6-27-1951	1:2400	1:5131	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Microfilm map, document 352193, reel 03138, frames 231-251, map of Lamarsh No. 6 Mine (mine index 601) - Slope location, mine outline, mining method.

Mine Index 5844**David Roberts, Roberts Mine**

Type: Underground Total mined-out acreage shown: 6 Production indicates approximately 4 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	16	NE NE NW
Air shaft	Peoria	7N 7E	16	NW NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	160			4.5	RPP

Geologic Problems Reported: Some type of fault halted mine expansion to the east. In this area, the term "fault" often refers to sandstone channels.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
David Roberts	Roberts	1934-1937	14,709
David Roberts	Roberts	1937-1938	8,127 *
David Roberts & Jess Pribble	Roberts & Pribble	1939-1939	2,570 *
David Roberts	Roberts	1940-1941	1,200 *
			26,606

* Production after the map date

Last reported production: 1941

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.P42 i5.1-11	11-1-1937	1:1200	1:1200	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, depth, thickness.

Company map, ISGS map library, 4103.P42 i5.1-11 - Slope & shaft locations, mine outline, mining method.

Mine Index 6673**George Petri Coal Company, Petri Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 16 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	11	SE SE SW
Air shaft	Peoria	7N 7E	11	NW SW SW
Air shaft	Peoria	7N 7E	11	SE SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	112			4.67	Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
George Petri Coal Company	Petri	1919-1933	<u>65,439</u> 65,439

Last reported production: 1933

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope & shaft locations, seam, depth, thickness.

Mine Index 6808**Hawley Coal Company, Hawley Mine**

Type: Underground Total mined-out acreage shown: 6 Production indicates approximately 42 acres were mined after 1881. A general area of mining was added to the accompanying map that represents the approximate size of the mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	24N 5W	23	NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	75-85			4.0-4.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Norman C. Hawley	Hawley	pre-1873-1887	70,780 *
Pekin Coal & Mining Company	Pekin	1887-1889	14,821
Newsam & Lowery	Newsam & Lowery	1889-1890	5,798
Frank Lowery	Lowery	1890-1892	25,518
William Randle	Randle	1892-1894	24,258
Hawley Co-operative Coal Company	Hawley	1894-1895	12,804
Hawley Coal Company	Hawley	1895-1896	9,810
			163,789

* Production and years of operation prior to July 1878 and July 1879 to June 1881 are unknown. The 1873 plat and atlas of Tazewell County showed Hawley's mine, indicating that it was a substantial operation by 1873.

Last reported production: 1896

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Atlas Map of Tazewell County	1873	1:42240	1:42240	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (Tazewell County) - Mine names, mine index, ownership, years of operation.
 Atlas Map of Tazewell County, Illinois, 1873 - Mine location.

Mine Index 7179
Colvin Brothers, Colvin Mine

Type: Underground Total mined-out acreage shown: 81 (general area of mining, likely a property outline) Production indicates 11 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	15	SE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	67-80			4.33-5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
F. Wheeler	Wheeler	1884-1889 *	4,130
Wheeler Brothers	Wheeler	1889-1892	1,150
Thomas Goodwin	Goodwin	1893-1894	550
William H. Jones	Jones	1894-1897 **	820
Thomas Jones	Jones	1897-1898	300
Thomas Goodwin	Goodwin	1898-1900 ***	480
H. Goodwin	Goodwin	1900-1903	5,400
Lowery Cooperative Coal Company	Lowery	1903-1904	2,500
Walter Robinson	Robinson	1904-1907	6,188
Robinson & Trioiff	Robinson & Trioiff	1907-1909	4,285
Walter Robinson	Robinson	1909-1910	2,500
Robinson & Triloff	Robinson & Triloff	1910-1911	2,500
Heitzman & Smith Coal Company	Heitzman & Smith	1911-1913	6,530
Zipprich Mine	Zipprich	1913-1915	5,145
Colvin Brothers	Colvin	1915-1916	<u>2,515</u>
			44,993

* The presence of a mine on Wheeler land at this location in the 1873 Atlas indicates mining took place before 1884.

** Idle 1896

*** Idle 1900

Last reported production: 1916

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.P41 i5.1-35	10-29-1917	1:15840	1:15840	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

ISGS map library, 4103.P41 i5.1-35, map of compiled mined areas, author unknown (Zipprich Mine labeled) - Mine location, property outline.

Atlas Map of Peoria County, Illinois, 1873 - Years of operation.

Mine Index 7180**S. Gilfoy & Company, Gilfoy mine**

Type: Underground Total mined-out acreage shown: 9 (general area of mining) Production indicates approximately 1 acre was mined; the 1879 Coal Report stated 40 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	Peoria	7N 7E	20	NE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	80			4.25	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
S. Gilfoy & Company	Gilfoy	pre1873-1879 *	<u>4,885</u> *
			4,885

* Years of operation and production before 1878 are not known. The 1879 Coal Report indicated 40 acres were mined. The mine was present on the 1873 atlas, and was shown as a large area.

Last reported production: 1879

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Atlas Map of Peoria County	1873	1:31680	1:31680	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Atlas Map of Peoria County, Illinois, 1873 - Mine location.

Mine Index 7181**G. W. Hobbeln, Hobbeln Mine**

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	Peoria	7N 7E	20	NW NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	65			4.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
G. W. Hobbeln	Hobbeln	1893-1894	<u>950</u> 950

Last reported production: 1894

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Standard Atlas of Peoria County	1896	1:31680	1:31680	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
Standard Atlas of Peoria County, Illinois, 1896 - Mine location.

Mine Index 7183
Mapleton Coal & Mining Company, Mapleton Mine

Type: Underground Total mined-out acreage shown: 8

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope *	Peoria	7N 7E	16	SE NW SW
Air shaft *	Peoria	7N 7E	16	SE NW SW

* Connected underground to A. & P. Mine (mine index 3026)

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	125			4.67	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Mapleton Coal & Mining Company	Mapleton	1934-1942	<u>29,816</u> 29,816

Last reported production: 1942

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352160	2-18-1942	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.

Microfilm map, document 352160, reel 03138, frame 190, map of A. & P. Mine (mine index 3026) - Slope & shaft locations, mine outline, mining method.

Mine Index 7184**R. J. Haynes Coal Company, Haynes Mine**

Type: Underground Total mined-out acreage shown: None; production indicates approximately 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	20	E ½

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield					MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
R. J. Haynes Coal Company	Haynes	1932-1936	<u>9,312</u> 9,312

Last reported production: 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352182	6-1-1933	1:1200	Not digitized *	Not final

* No land surface features were present on the source map for georegistering. An uncertain location was added to the accompanying map in a likely place along the bluff, in the eastern half of the section (which was specified in the title block of the source map).

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Microfilm map, document 352181, reel 03138, frame 219 - Slope location.

Mine Index 7186
Glasford Coal Company, Glasford Mine

Type: Surface Total mined-out acreage shown: 11

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	7N 7E	19	SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield					Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Mapleton Coal Company	Mapleton	1949-1950	8,705
Glasford Coal Company	Glasford	1951-1951	<u>24,003</u> 32,708

Last reported production: 1951

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352196	7-9-1951	1:2400	1:2979	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Microfilm map, document 352196, reel 03138, frame 246 - Mine location, mine outline, mining method.

Mine Index 7203
Newsam Brothers, Reed City Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 130 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Peoria	7N 7E	19	NE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	46-190			4.33-4.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Buckeye Coal & Coke Company	Buckeye No. 2	1885-1888	23,520
Orchard Mining & Manufacturing Company	Reed City	1888-1889	14,000
Illinois Coal & Coke Company	Reed City	1889-1892 *	99,545
Peoria Coal & Mining Company	Reed City	1892-1896	126,397
Reed City Coal Company	Reed City	1896-1900	120,189
Newsam Brothers	Reed City	1900-1917	<u>520,588</u>
			904,239

*Idle 1892

Last reported production: 1917

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Standard Atlas of Peoria County	1896	1:31680	1:31680	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Standard Atlas of Peoria County, Illinois, 1896 - Shaft location.

Mine Index 7209
East Mapleton Coal Company, East Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 25 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	7N 7E	20	NE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	500	4.5	5.67	5.0	RP

Geologic Problems Reported: The roof was black shale that adhered to the coal. Many horsebacks were seen in this mine. In 1918, every active room had a horseback. Mining involved removing the 2 to 3 foot width of horseback before reaching coal again. This mine had a great deal of pyrite as well. One persistent band was present 2 feet below the roof. This band was interlaminated with mother coal, and the total thickness ranged up to 6 to 9 inches in some places. The floor had 8 to 12 inches of relief because of the frequent horsebacks, which made a very rough haulage surface. The underclay also contained small pyrite balls or nodules.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Sandler Coal Company	Sandler	1919-1920	9,089
East Mapleton Coal Company	East	1920-1929	<u>104,666</u>
			113,755

Last reported production: 1929

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes (G. H. Cady)	7-18-1918	(text only)	1:24000 *	Secondary source

* The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, mining method.
 Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.
 Mine notes (Peoria County) - Mine type, slope location, thickness, geologic problems.

OTHER MINES SHOWN ON PEKIN QUADRANGLE

Mine Index 5838, Adam Sholl NE NE NE 2-T7N-R7E source: Coal Report (1890, p. 337)
 Mine Index 5839 S ½ NE SE 8-T7N-R7E, surface source: ISGS mine database
 Mine Index 5840 NW SE SW 8-T7N-R7E source: Microfilm, document 352193 (mine index 408, Lamarsh No. 1)
 Mine Index 6847 20-T7N-R7E, general mined-out area source: Federal Land Bank Report (1933)
 Mine Index 7182 NE SW NW 21-T7N-R7E source: Atlas Map of Peoria County (1873)
 Mine Index 7185 NW NW NE 1-T7N-R7E, Colchester Coal, longwall source: Federal Land Bank Report (1933)
 Mine Index 7195 SE NW NW 8-T7N-R7E source: Federal Land Bank Report (1933)
 Mine Index 7196 SW SW SW 20-T7N-R7E source: Federal Land Bank Report (1933)
 Mine Index 7197 SW SW SE 16-T7N-R7E source: Federal Land Bank Report (1933)
 Mine Index 7198 NW SW NE 16-T7N-R7E source: Federal Land Bank Report (1933)
 Mine Index 7199 NW SE SE 8-T7N-R7E, surface source: USGS topographic map, Pekin Quadrangle (PR 1979)
 Mine Index 7200, Newsam Mine SW SW SW 9-T7N-R7E source: Standard Atlas of Peoria County (1896)
 Mine Index 7201 SW NE NW 1-T7N-R7E source: Atlas Map of Peoria County (1873)
 Mine Index 7202 SE NW SW 1-T7N-R7E source: Atlas Map of Peoria County (1873)
 Mine Index 7204 SE SE SW 8-T7N-R7E source: Atlas Map of Peoria County (1873)
 Mine Index 7205 NW NW NE 17-T7N-R7E source: Atlas Map of Peoria County (1873)
 Mine Index 7206 NE SW SE 8-T7N-R7E source: Atlas Map of Peoria County (1873)
 Mine Index 7207 SW SW SW 9-T7N-R7E source: ISGS map library, 4103.P41 i5.1-35 (1917)
 Mine Index 7208 SE SE NE 15-T7N-R7E source: Atlas Map of Peoria County (1873)

MINES WHOSE LOCATIONS ARE NOT KNOWN, PEKIN QUADRANGLE

The locations of the following mines are unknown, but the production tonnage, operating names, and nearest town were reported in the Annual Coal Reports. The operators listed below mined in or near the Pekin Quadrangle. The information shown is similar to that presented on the summary sheets in the previous pages of this directory. The first item is the name the mine operated under as listed in the Coal Report, then the years the mine reported. If no physical data are available, the next item listed is the total tons produced by the mine. If physical data are available, the order of presentation is as follows: type of opening for the mine (drift, slope or shaft), depth of coal in feet, and thickness of coal in feet.

The total tons mined by these unlocated mines is 1,458,886 (1,238,630 underground, 193,749 surface mined, and 26,507 mined by unspecified method), which would represent approximately 280 to 500 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

BARTONVILLE

Amsler & Pye (D. H.), 1881-1884, slope, Springfield, , 75-150, 4.0-4.5, RP	10,000 tons
Bogon & Pye, 1884-1889	<u>21,986 tons</u>
	31,986 tons
 Burns (James), 1883-1884, slope, Springfield, 75, 4.17, RP	 1,250 tons
 Brocket (E. M.), 1884-1886, drift, Springfield, 80, 4.5, RP	 1,570 tons
 Keller (George), 1885-1906, shaft, Springfield, 15-90, 4.33-5.0, RP	 86,866 tons
Keller Coal Company, 1906-1912	<u>17,398 tons</u>
	104,264 tons
 Daily & Barton, 1886-1887, —, Springfield, 108-110, 4.33-4.5, RP	 7,800 tons
Daily & Maynard, 1887-1888	4,400 tons
Maynard & Company, 1888-1889	4,000 tons
Street (Reuben), 1889-1891	3,600 tons
Sanderson Brothers, 1891-1892	<u>3,200 tons</u>
	23,000 tons
 Anderson (John), 1886-1888, slope or drift, Springfield, 30-90, 4.0-4.5, RP	 930 tons
Hurst (William), 1888-1889	180 tons

Hurst (Lot), 1889-1901	11,135 tons
Hurst (S.), 1901-1903	9,060 tons
Hearst (L.), 1903-1906	<u>1,060 tons</u>
	22,365 tons
Gorenz (Joseph) & Company, 1889-1890	7,800 tons
Ball Coal Company, 1893-1906, shaft, Springfield, 90-100, 4.33-5.0, RP	87,510 tons
Brown & White, 1897-1898, drift, Springfield, —, 4.17	1,000 tons
Brown (Ed), 1898-1899	<u>1,120 tons</u>
	2,120 tons
Heitzman Brothers, 1906-1907, drift, Springfield, 160, 4.5, RP	2,120 tons
Heitzman (Benhart), 1918-1920	738 tons
Pye (Samuel F.), 1918-1919	105 tons
Huxtable Coal Company, 1918-1919	100 tons
Bishop (John), 1918-1919	80 tons
Hickman (John), 1918-1919	75 tons
Brookside Coal Company, 1919-1926	13,901 tons
Short & Keys, 1920-1921	120 tons
Buning & May, 1928-1928, underground	1,603 tons
Ley (James W.), 1929-1929	<u>2,551 tons</u>
	4,154 tons

HARKERS CORNER

Homan (T. W.), 1890-1893, drift, Springfield, 25, 4.0-4.5, RP	720 tons
Clark (James), 1894-1895, drift, Springfield, 70, 4.5, RP	1,200 tons

HOLLIS

Engleke (Frank), 1878-1879, drift, Springfield, 85-150, 4.0-4.5, RP	1,000 tons	mine index 3017
Carter & Sholls, 1881-1884	35,000 tons	
Sholls & Tommy, 1884-1885	5,080 tons	
Engleke & Sholls, 1885-1888	8,860 tons	
Engleke (Frank), 1888-1892	<u>15,790 tons</u>	
	65,730 tons	
Sholl (Adam), No. 2 Mine, 1889-1892, shaft, Springfield, 120, 4.33-4.5, RP	75,145 tons	mine index 3018
Sholl Brothers, No. 2 Mine, 1892-1896	<u>97,555 tons</u>	
	172,700 tons	
O'Lander & Bryan, 1917-1918	125 tons	

KINGSTON MINES

Beathard (G. W.), 1878-1883, drift, Springfield, 80-120, 4.25-4.67, RP	24,469 tons
Lancaster Mines, 1883-1884	12,000 tons
Beathard (G. W.), 1884-1890	<u>65,571 tons</u>

	102,040 tons
K. C. & I Company, pre1878-1879, drift, Springfield, 80, 4.25	2,000 tons
Fahnestock (Frank), 1883-1895, drift, Springfield, 60-90, 4.0-4.67, RP	6,472 tons
Kingston Mines, 1883-1884, drift, Springfield, —, 4.0, RP	800 tons
Harris (Harry), 1885-1886, drift, Springfield, 100, 4.5, RP	360 tons
Jefford Brothers, No. 1 Mine, 1886-1904 drift, Springfield, 90-120, 4.3-4.67, RP	73,335 tons
Kerr (J. D.) & Company, 1888-1889, shaft, —, 130, 3.33	not reported
Jefford Brothers, No. 2 Mine, 1890-1891, drift, Springfield, 100, 4.67, RP	4,643 tons
Jefford Brothers, No. 3 Mine, 1896-1897, drift, Springfield, —, 4.5, RP	646 tons
Reeve & Galloway, 1904-1905, drift, Springfield, 70-81, 4.4-5.0, RP	4,957 tons
Galloway Coal Company, 1905-1907	<u>12,120</u> tons
	17,077 tons
Baker Brothers, 1910-1914, drift, Springfield, 80-150, 4.0-4.67, RP	4,444 tons
Umholz & Johnson, 1914-1917	4,390 tons
Umholz (William), 1917-1917	<u>892</u> tons
	9,726 tons
Fletcher (Joseph F.), 1918-1919	51 tons
Fletcher (James T.), 1919-1921	<u>1,580</u> tons
	1,631 tons
Newsam (Richard), 1927-1927, underground	2,407 tons
Newsam Coal Company, 1928-1930	<u>21,850</u> tons
	24,257 tons

LA MARSH

Goodwin (Thomas), 1883-1884, drift, Springfield, 60, 4.25, RP	280 tons
Stranze (William), 1893-1895, drift, Springfield, 70, 4.5, RP	920 tons
Wagner (J. & M.), 1893-1894, drift, Springfield, 80, 4.5, RP	700 tons
Maple (George & L.), 1893-1894, drift, Springfield, 80, 4.5, RP	120 tons

MAPLETON

McGrew (T. J.), 1878-1879, drift, Springfield, 40, 4.25	Unknown
Walker & Lindsley, 1878-1879, slope, Springfield, 50-150, 4.0-4.67, RP	7,200 tons
Walker (James), 1881-1887	66,904 tons
Tyson (J. M.), 1887-1889	15,046 tons
Morton Brothers, 1889-1892	32,670 tons
Potter (L.) & Company, 1892-1894	<u>15,715</u> tons
	137,535 tons
Potter & Scott, pre1881-1882, drift, Springfield, 120, 4.5	5,500 tons
Potter (Larry), 1882-1883	<u>3,000</u> tons
	8,500 tons

Wasson (J. P.), 1883-1884, drift, Springfield, 80-100, 4.5, RP	1,940 tons
Wasson & Myers, 1884-1886	<u>2,112</u> tons
	4,052 tons
Buckeye Coal & Coke Company, No. 1 Mine, 1884-1888	43,700 tons
Orchard Mining & Manufacturing Company, No. 1 Mine, 1888-1889	4,220 tons
Illinois Coal & Coke Company, Mapleton Mine, 1889-1890	<u>4,850</u> tons
slope, Springfield, 120-129, 4.5, RP	52,770 tons
Potter (L.) & Son, 1898-1898, shaft, Springfield, 32, 4.25	1,700 tons
Walker (James), 1899-1905, slope or drift, Springfield, 70, 4.5, RP	86,980 tons
Nash (W.), 1899-1900, —, —, 60, 4.5, RP	400 tons
Hays (Ogden), 1900-1903, shaft or drift, Springfield, 32, 4.25-4.33, RP	1,670 tons
Starch (U.), 1899-1900, —, —, 60, 4.5, RP	600 tons
Hamilton Brothers, 1900-1902, shaft, Springfield, 80, 4.5, RP	1,558 tons
Hamilton (W. E.), 1902-1903	<u>1,320</u> tons
	2,878 tons
Staton (Joe), 1903-1907, drift or slope, Springfield, 80-154, 4.17-5.0, RP	5,277 tons
Staton & Blessing, 1907-1913	5,305 tons
Lamarsh Coal Company, 1913-1914	795 tons
Bramer (Harry), 1914-1928	<u>9,955</u> tons
	21,332 tons
Powell & Hoeppel, 1904-1905, slope, —, 80-150, 4.5-5.0, RP	400 tons
Powell Coal Company, 1905-1907	<u>2,216</u> tons
	2,616 tons
Powell (John) & Son, 1905-1906	31 tons
Gooden (J.), 1904-1905, drift, Springfield, 70-130, 4.4-4.5, RP	300 tons
Gooden (Thomas), 1905-1906	<u>49</u> tons
	349 tons
Jones (T. A.), 1906-1907, drift or slope, Springfield, 80-150, 4.33-4.5, RP	930 tons
Jones (William) & Sons, 1907-1908	864 tons
Jones (Thomas) & Son, 1908-1909	200 tons
Jones (William), 1909-1912	<u>859</u> tons
	2,853 tons
Richiger (John), 1904-1907, slope or drift, Springfield, 12-65, 4.0-5.0, RP	580 tons
Richiger (Frank), 1907-1909	<u>320</u> tons
	900 tons
Richiger (Frank), 1909-1910, surface, Springfield, —, 4.5	200 tons
Davis (Camille), 1906-1907, drift, Springfield, 100, 4.5, RP	400 tons
Van Norman (S. P.), 1906-1907, —, Springfield, 150-160, 4.5-5.0, RP	88 tons
Van Norman & Hartsill, 1907-1908	<u>340</u> tons
	428 tons
Scarcliff (Thomas), 1907-1912, surface, Springfield, —, 4.5-4.83	1,818 tons
Peters Brothers, 1907-1908, slope, Springfield, —, 5.0, RP	120 tons
Odwaldt (H. J.), 1909-1911, slope, Springfield, —, 4.5, RP	1,160 tons
Nash (J. W.), 1910-1911, drift, Herrin, —, 4.5, RP	713 tons

Mutchler (Peter), 1913-1914, drift, Springfield, 160-300, 4.0-5.0, RP	1,970 tons
Potter (E.), 1914-1919	<u>29,117</u> tons
	31,087 tons
Richiger (Frank), 1913-1914, surface	320 tons
Reed (Alvin), 1916-1918, slope, Springfield, —, 4.0, RP	5,380 tons
Jayne, Murphy & Wagner, 1916-1917, slope, Springfield, 60, 4.5, RP	160 tons
Jayne, Murphy & Company, 1917-1918	8,108 tons
Murphy (Thomas N.), 1918-1919	<u>6,000</u> tons
	14,268 tons
Gerdes Coal Company, 1917-1919	375 tons
Rothlisberger (Jacob), 1919-1920	1,000 tons
Robinson (Walter), 1920-1923	5,980 tons
Hurst (Marcus), 1922-1923	400 tons
Marlott Coal Company, 1925-1926	430 tons
Astle (Thomas), 1925-1925	61 tons
Calhoun (U. T.), 1926-1926	220 tons
Calhoun & Son, 1926-1926	75 tons
Mapleton Coal Company, No. 2 Mine, 1949-1952, surface	56,665 tons
J. & J. Coal Company, 1953-1954	<u>79,318</u> tons
	135,983 tons
Mapleton Coal Company, No. 3 Mine, 1950-1952, surface	51,298 tons
Albrecht (Howard) Coal Company, No. 2 Mine, 1954-1955, surface	4,130 tons

ORCHARD MINES

Oddywalt (Henry), 1883-1887, drift, Springfield, 50-70, 4.0-4.5, RP	1,260 tons
Crandall (Charles), 1883-1884, drift, Springfield, 50-80, 4.0-4.5, RP	1,500 tons
Crandall (E. C.), 1884-1887	2,605 tons
Shaunt (John), 1887-1888	<u>290</u> tons
	4,395 tons
Roberts (David B.), 1883-1908, drift, Springfield, 50-160, 4.25-5.0, RP	17,006 tons
Roberts & Nash, 1908-1909	1,800 tons
Roberts (David), 1909-1911	<u>1,760</u> tons
	20,566 tons
Reagan (James), 1883-1893, drift, Springfield, 40-60, 4.25-4.5, RP	4,961 tons
Polson (Antonia), 1883-1884, drift, Springfield, 50-80, 4.0-4.5, RP	1,000 tons
Powell & Polceen, 1884-1885	<u>400</u> tons
	1,400 tons
Newsam (Frank), 1892-1897	7,017 tons
Nesslehouse (Matthew), 1887-1894, drift, Springfield, 70-110, 4.3-4.5, RP	4,750 tons
Miller (Robert), 1894-1896	480 tons
Smith & Miller, 1896-1898	4,040 tons
Schreffler (R. D.), 1898-1900	3,000 tons

Smith & Miller, 1900-1904	<u>12,640</u> tons 24,910 tons
Goodwin (D.), 1887-1889	1,310 tons
Jones (Frank), 1888-1889	550 tons
Jones & Calhoun, 1889-1890	<u>480</u> tons 1,030 tons
Poleen (Jacob), 1888-1889	400 tons
Petrie (John L.), 1889-1891, drift, Springfield, 100, 4.5, RP	580 tons
Powell (John W.), 1889-1892, drift, Springfield, 40-80, 4.5, RP	660 tons
McCullough (George), 1892-1895	<u>1,360</u> tons 2,020 tons
Jones (Frank) & Hayes (William), 1893-1894, drift, Springfield, 80, 4.5, RP	700 tons
Jones (Frank), 1894-1898	<u>1,530</u> tons 2,230 tons
Lowery (Frank), No. 2 Mine, 1893-1895, drift, Springfield, 90, 4.5, RP	5,373 tons
Staton (Joseph), 1896-1897, drift, Springfield, —, 4.5, RP	80 tons
Morrison (J.), 1897-1898	<u>520</u> tons 600 tons
Potter Brothers, 1897-1898, drift, Springfield, —, 4.5	1,500 tons
Wheeler Brothers, 1903-1904, slope, Springfield, —, —, RP	560 tons

PEKIN

Rupert (F.), pre1878-1879, drift, Springfield, 80, 4.25	10,000 tons
Lowery (Thomas), 1878-1879, drift, Springfield, 80, 4.25	9,600 tons
Myers (A.), 1905-1906, drift, Springfield, 67, 4.33, RP	30 tons

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